

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. SCH 1733 P2		SERIAL NO. 09/512,082	
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT		Dario NERO et al.			
		FILING DATE		February 24, 2000		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA			O P E JOSA SEP 18 2000 PATENT & TRADEMARK OFFICE			
	AB						
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO	
VSP	AL	0 344 134 A3	11/29/89	EP			
	AM	WO 97/45544		WIPO			
	AN	JP 02076598		Japan			
	AO	JP 04169195		Japan			
	AP	EP-A 184187		EPO			
	AQ	EP-A 239400		EPO			
	AR	EP-A 0120694		EPO			
	AS	WO 94/13804		WIPO			
	AT	WO 93/11161		WIPO			
	AU	GB 2188638		Great Britain			
	AV	EP-A 0125023		EPO			
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
VSP	AW	Zang, et al., "Antibody Specific for Extra Domain B of Fibronectin Demonstrates Elevated Levels of Both Extra B(+) and B(-) Fibronectin in Osteoarthritic Canine Cartilage" <u>Matrix Biology</u> , Vol. 14 (1994), pp. 623-633.					
	AX	Peters, et al., "Expression of the Alternatively Spliced EIIIB Segment of Fibronectin" <u>Cell Adhesion and Communication</u> , 1995, Vol. 3, pp. 67-89.					
	AY	Carnemolla, et al., "Phage Antibodies with Pan-Species Recognition of the Oncofetal Angiogenesis Marker Fibronectin ED-B Domain" <u>Int. J. Cancer</u> (1996) 68:397-405. <i>Duplicate</i>					
	AZ	Carnemolla, et al., "The Inclusion of the Type III Repeat ED-B in the Fibronectin Molecule Generates Conformations That Unmask a Cryptic Sequence" <u>The Journal of Biological Chemistry</u> , (1992) Vol. 267, No. 34, pp. 24689-24692.					
Examiner <i>S. P. Sato</i>				Date Considered <i>11/07</i>			
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	BA						
	BB						
	BC						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	BO					
	BP					
	BQ					
	BR					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

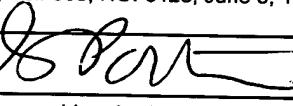
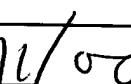
✓	BS	Judah FOLKMAN, "Angiogenesis in cancer, vascular, rheumatoid and other disease", Nature Medicine, Vol. 1, Number 1, 1995, pages 27-31.
	BT	Renata PASQUALINI et al., "α-VIntegrins as receptors for tumor targeting by circulating ligands", Nature Biotechnology, Vol. 15, June 1997, pages 542-546.
	BU	Dario NERO et al., "Targeting by affinity-matured recombinant antibody fragments of an angiogenesis associated fibronectin isoform", Nature Biotechnology, Vol. 15, November 1997, pages 1271-1275.
	BV	Michael S. O'REILLY et al., "Angiostatin induces and sustains dormancy of human primary tumors in mice", Nature Medicine, Vol. 12, Number 6, June 1996, pages 689-692.
	BW	Xianming HUANG et al., "Tumor Infarction in Mice by Antibody-Directed Targeting of Tissue Factor to Tumor Vasculature", Science, Vol. 275, January 24, 1997, pages 547-550.
	BX	Patrizia CASTELLANI et al., "THE FIBRONECTIN ISOFORM CONTAINING THE ED-B ONCOFETAL DOMAIN: A MARKER OF ANGIOGENESIS", Int. J. Cancer: 59, December 1, 1994, pages 612-618.
	BY	Dario NERO et al., "Biophysical methods for the determination of antibody-antigen affinities", Tibtech (Vol. 14), December 1996, pages 465-470.
✓	BZ	E. Sally WARD et al., "Binding activities of a repertoire of sige immunoglobulin variable domains secreted from <i>Escherichia coli</i> ", Nature, Vol. 341, No. 6242, October 12, 1989, pages 544-546.

Examiner

Date Considered

11/00

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 <p>Robert E. BIRD et al., "Single Chain Antigen-Binding Proteins", Science, Vol. 242, October 21, 1988, pages 423-426.</p>					
	SCA				
	CB	James S. HUSTON, et al., "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in <i>Escherichia coli</i> ", Proc. Natl. Acad. Sci. USA, Vol. 85, August 1988, pages 5879-5883.			
	CC	Philipp HOLLIGER, et al., "Diabodies": Small bivalent and bispecific antibody fragments", Proc. Natl. Acad. Sci. USA, Vol. 90, July 1993, pages 6444-6448.			
	CD	Philipp HOLLIGER, et al., "Engineering bispecific antibodies", Current Opinion in Biotechnology, Vol. 4, No. 4, 1993, pages 446-449.			
	CE	Dario NERO et al., "High-affinity Antigen Binding by Chelating Recombinant Antibodies (CRAbs)", Journal of Molecular Biology, Vol. 246, No. 3, February 24, 1995, pages 367-373.			
	CF	Cyrus CHOTHIA, et al., "Canonical Structures for the Hypervariable Regions of Immunoglobulins", Journal of Molecular Biology, Vol. 196, No. 4, August 20, 1987, pages 901-917.			
	CG	D. NERI, et al., "Multipurpose High Sensitivity Luminescence Analyzer (LUANA): Use in Gel Electrophoresis", Biotechniques, Vol. 20, No. 4, April 1996, pages 708-712.			
	CH	Ian M. TOMLINSON et al., "The Repertoire of Human Germline V _H Sequences Reveals about Fifty Groups of V _H Segments with Different Hypervariable Loops", Academic Press, Vol. 227, No. 3, October 5, 1992, pages 776-798.			
	CI	Jonathan P. L. COX, et al., "A directory of human germ-line V _x segments reveals a strong bias in their usage", European Journal of Immunology 4/1994, pages 827-836.			
	CJ	James D. MARKS, et al., "By-passing Immunization Human Antibodies from V-gene Libraries Displayed on Phage", Journal of Molecular Biology, Vol. 222, No. 3, December 5, 1991, pages 581-597.			
	CK	Tim CLARKSON et al., "Making antibody fragments using phage display libraries", Nature, Vol. 352, August 15, 1991, pages 624-628.			
	CL	Hennie R. HOOGENBOOM et al., "Multi-subunit proteins on the surface of filamentous phage: methodologies for displaying antibody (FAB) heavy and light chains", Nucleic Acids Research, Vol. 19, No. 15, August 11, 1991, pages 4133-4137.			
	CM	Dario NERO et al., "Radioactive labeling of recombinant antibody fragments by phosphorylation using human casein kinase II and [γ - ³² P]-ATP", Nature Biotechnology, Vol. 14, No. 4, April 1996, pages 485-490.			
	CN	Luciano ZARDI, et al., "Transformed human cells produce a new fibronectin isoform by preferential alternative splicing of a previously unobserved exon", The Embo Journal, Vol. 6, No. 8, August 1987, pages 2337-2342.			
	CO	Robert SCHIER et al., "Identification of functional and structural amino-acid residues by parsimonious mutagenesis" Gene, Vol. 169, (1996), No. 2, pages 147-155.			
	CP	Wataru ITO, et al., "Mutations in the Complementarity-determining Regions do not cause Differences in Free Energy during the Process of Formation of the Activated Complex between an Antibody and the Corresponding Protein Antigen", Journal of Molecular Biology, Vol. 248, No. 4, May 12, 1995, pages 729-732.			
✓	CQ	C. HAMERS-CASTERMAN, et al., "Naturally occurring antibodies devoid of light chains", International Weekly Journal of Science, Vol. 363, NO. 6428, June 3, 1993, pages 446-448.			
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CR	U. JÖNSSON, et al., "Real-Time Biospecific Interaction Analysis Using Surface Plasmon Resonance and a Sensor Chip Technology", Biotechniques, Vol. 11, No. 5, November 1991, pages 620-627.				
CS	Ahuva NISSIM, et al., "Antibody fragments from a 'single pot' phage display library as immunochemical reagents", The Embo Journal, Vol. 13, No. 3, February 1, 1994, pages 692-698.				
CT	Barbara CARNEMOLLA, et al., "PHAGE ANTIBODIES WITH PAN-SPECIES RECOGNITION OF THE ONCOFOETAL ANGIOGENESIS MARKER FIBRONECTIN ED-B DOMAIN", International Journal of Cancer, Vol. 68, No. 3, November 4, 1996, pages 397-405.				
CU	Alessandro PINI, et al., "Hierarchical affinity maturation of a phage library derived antibody for the selective removal of cytomegalovirus from plasma", Journal of Immunological Methods, Vol. 206, nos. 1-2, 1997, pages 171-182.				
CV	Daniel R. DEAVER, "A new non-isotopic detection system for immunoassays", Nature, Vol. 377, No. 6551, October 26, 1995, pages 758-760.				
CW	Matsuura H., Takio K., Titani K., Greene T., Levery SB, Salyan ME, Hakomori S., J. Biol. Chem. 263, 3314-3322, "The oncofetal structure of human fibronectin defined by monoclonal antibody FDC-6. Unique structural requirement for the antigenic specificity provided by a glycosylhexapeptide", March 1988. Abstract Only.				
CW	Zheng M., Gobbo M., Biondi L., Filira F., Hakomori S., Rocchi R., Int. J. Pept. Protein Res., 43, 230-8, "Synthetic immunochemistry of glycohexapeptide analogues characteristic of oncofetal fibronectin. Solid-phase synthesis and antigenic activity"; March 1994. Abstract Only.				
CX	Feinberg, RF, Kliman HJ, Bedian V, Monzon-Bordonaba F, Menzin AW, Wang CL; Am. J. Obstet. Gynecol 172, 1526-1536; "Monoclonal antibody X18A4 identifies an oncofetal fibronectin epitope distinct from the FDC-6 binding site"; May 1995. Abstract Only.				
CY	Paul K. Schick, Carol M. Wojenski, Vickie D. Bennett, and Tamara Ivanova; "The Synthesis and Localization of Alternatively Spliced Fibronectin EIIIB in Resting and Thrombin-Treated Megakaryocytes"; Blood, Vol. 87, No. 5, March 1, 1996; pp. 1817-1823.				
CZ	Denise G. White, James W. Hall, David W. Brandli, Amy L. Gehris, and Vickie D. Bennett; "Chick Cartilage Fibronectin Differs in Structure from the Fibronectin in Limb Mesenchyme"; 1996; Exp. Cell Res. 224, pp. 391-402.				
DA					
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Examiner	<i>SPM</i>		Date Considered	<i>11/08</i>	
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